CLAIMS

A receiver comprising:

first means for receiving a transmitted signal and providing an instantaneous output signal in response thereto;

second means for storing at least a portion of said received signal;

5   third means for providing a replay signal; and

fourth means for selectively outputting said stored portion of said received signal or said instantaneous output signal in response to said replay signal.

2. The invention of Claim 1 wherein said first means includes a radio frequency tuner.

3. The invention of Claim 2 wherein said first means includes an audio decoder.

4. The invention of Claim 1 wherein said third means includes a user interface.

5. The invention of Claim 1 wherein said fourth means as a system controller.

6. The invention of Claim 5 wherein said system controller includes a microprocessor.

7. The invention of Claim 6 wherein said fourth means includes software running on said microprocessor.

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8. The invention of Claim 7 wherein said software includes code for detecting the presence of said instant replay signal.

9. The invention of Claim 8 wherein said software includes code for causing said receiver to output said stored portion of said received signal on the detection of said instant replay signal.

10. The invention of Claim 9 wherein said software includes code for causing said receiver to output said instantaneous output signal on a failure to detect said instant replay signal.

11. The invention of Claim 10 wherein said transmitted signal includes a start of selection signal and an end of selection signal and said software includes code for detecting said start of selection signal and said end of selection signal.

12. The invention of Claim 11 wherein said software includes code for activating said second means in response to detection of said start of selection signal.

13. The invention of Claim 12 wherein said software includes code for deactivating said second means in response to detection of said end of selection signal.

14. The invention of Claim 7 wherein said software includes code for detecting the selection of a broadcast channel.

15. A satellite digital audio receiver comprising:

a radio frequency tuner and an audio decoder for receiving a transmitted signal and providing an instantaneous output signal in response thereto;

a storage medium for storing at least a portion of said received signal;

a user interface for providing a replay signal; and

a system controller for selectively outputting said stored portion of said output signal or said instantaneous output signal in response to said replay signal.

16. The invention of Claim 15 wherein said system controller includes a microprocessor.

17. The invention of Claim 16 wherein said system controller includes software running on said microprocessor.

18. The invention of Claim 17 wherein said software includes code for detecting the presence of said instant replay signal.

19. The invention of Claim 18 wherein said software includes code for causing said audio decoder to output said stored portion of said received signal on the detection of said instant replay signal.

20. The invention of Claim 19 wherein said software includes code for causing said audio decoder to output said instantaneous output signal on a failure to detect said instant replay signal.

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21. The invention of Claim 20 wherein said transmitted signal includes a start of selection signal and an end of selection signal and said software includes code for detecting said start of selection signal and said end of selection signal.

22. The invention of Claim 21 wherein said software includes code for causing said system controller to store said instantaneous output signal in said storage medium in response to detection of said start of selection signal.

23. The invention of Claim 22 wherein said software includes code for causing said system controller to stop storing said simultaneous output signal in said storage medium in response to detection of said end of selection signal.

24. The invention of Claim 17 wherein said software includes code for detecting the selection of a broadcast channel.

25. A method for receiving a satellite digital audio signal including the steps of:
    receiving a transmitted signal and providing an instantaneous output signal in response thereto;
    storing at least a portion of said received signal;
    providing a replay signal; and
    selectively outputting said stored portion of said output signal or said instantaneous output signal in response to said replay signal.

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26. The invention of Claim 25 including the step of detecting the presence of said instant replay signal.

27. The invention of Claim 26 including the step of causing said receiver to output said stored portion of said received signal on the detection of said instant replay signal.

28. The invention of Claim 27 including the step of causing said receiver to output said instantaneous output signal on a failure to detect said instant replay signal.

29. The invention of Claim 28 wherein said transmitted signal includes a start of selection signal and an end of selection signal and said method includes the step of detecting said start of selection signal and said end of selection signal.

30. The invention of Claim 29 including the step of activating said second means in response to detection of said start of selection signal.

31. The invention of Claim 30 including the step of deactivating said second means in response to detection of said end of selection signal.

32. The invention of Claim 25 including the step of detecting the selection of a broadcast channel.

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